

Geomatics Coursework

OIT

OIT Course #	Generic Description
COURSES REQUIRED FOR CECOP ENTERANCE*	
CIV 101	Orientation to Engineering
CIV 102	Basic Techniques in Engineering
CIV 103	Freshman Design Experience
CIV 112	Computer Aided Drafting
GME 161	Plane Surveying I
GME 134	Geographic Information Systems
GME 162	Plane Surveying II
GME 163	Route Surveying
GME 175	Computations and Platting
GME 241	Boundary Law I
GME 242	Land Descriptions and Cadastre
GME 264	Software Applications
MATH 111	College Algebra
MATH 112	Trigonometry
MATH 251	Analytic Geometry and Differential Calculus
MATH 252	Integral Calculus
PHY 221	General Physics
PHY 222	General Physics
SPE 111	Fundamentals of Speech
WRI 121	English Composition
WRI 122	English Composition
ADDITIONAL COURSES TO BE COMPLETED BEFORE FIRST INTERNSHIP*	
GME 343	Boundary Surveys
GME 351	Construction and Engineering Surveying
GME 372	Subdivision Planning and Platting
ENGR 407	MECOP/CECOP Engineering Seminar
MATH 254N	Multivariable and Vector Calculus
MATH 361	Statistical Methods I
MIS 113	Introduction to Relational Databases
PHY 223	General Physics

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WRI 227	Technical Report Writing
ADDITIONAL COURSES TO BE COMPLETED BEFORE SECOND INTERNSHIP*	
Bus 355	Business Law
GME 444	Adjustments by Least Squares
GME 466	Boundary Law II
ENGR 407	MECOP/CECOP Engineering Seminar
MIS 115	Visual Basic Programming
ADDITIONAL COURSE TO BE COMPLETED AFTER SECOND INTERNSHIP*	
ENGR 407	MECOP/CECOP Engineering Seminar

*Deviations must be approved by CECOP Advisor.

Note: Additional courses are required and must be taken at the appropriate times to insure timely graduation. Each CECOP student is required to develop an individualized course plan of study until graduation.